

Upcoming Seminars

NKS-B FOOD

Nordic workshop for authorities, organisations and institutions responsible for late phase countermeasures and safe food production in nuclear emergencies.

14th-15th of April 2010, Losby Gods, Oslo

Registration deadline is now Thursday the 1st of April

In the different Nordic countries the responsibility for safe food provision with respect to radioactive contamination may be divided among several authorities. In some countries other institutions and organisations may also be interested in countermeasures in food productions. Close and continuous cooperation between decision support system developers, radiation protection authorities and food authorities are necessary to succeed in an emergency situation. Systems for involving stakeholders and food producers in decision making are essential. A Nordic cooperation will also contribute to harmonisation of the countermeasure strategies in food production in emergency situations.

The purpose of the workshop is to gather stakeholders with interest or responsibility for countermeasures against radioactive contamination of food products. During the seminar we will aim to:

- Learn about cooperation among stakeholders and organisations responsible for food safety in each country
- Discuss adaptation of the Euranos handbook "Countermeasures for the management of food production systems" to national conditions
- Plan implementation of the above mentioned handbook in each country
- Establish a Nordic network for the food authorities and radiation protection authorities responsible for food safety with respect to radioactivity

The purpose of the workshop is to share national practice and experience on the use of different tools (handbooks, late phase models etc.) during a crisis with focus on operational implementation and use, interpretation and verification of results and production of decision basis. The aim is to establish a common ground to better understand how these are used in the different countries, identify differences and exchange knowledge to increase competence in latephase management.

The target group for the workshop are experts who will use different tools during an emergency and provide information to decision-makers. It includes experts working with decision support systems for late phase countermeasures, experts on specific late phase models and decision makers together with stakeholders from the food producers.

Information on the seminar can be found [here](#).

To register for the seminar, please use the online booking form [here](#).

Please contact Inger Margrethe H. Eikermann (inger.eikermann@nrpa.no) if you are interested and would like to participate and contribute to the workshop.

NKS-B MareNuc

Nordic workshop for authorities, organisations and institutions relevant for assessing health and environmental consequences of accidents and incidents involving nuclear-propelled vessels and floating power reactors

22nd – 23rd of April 2010, The Culture House, Reykjavík, Iceland

Registration deadline is Friday the 9th of April

There is no well-defined system for classification of accidents associated with naval reactors in general as for civilian power plants. For civilian facilities of similar size, the reference accident used as a basis for further analysis varies between a Design Basis Accident describing complete and partial meltdown followed by water/ aluminum interaction and loss of mitigating systems. Considering the fact that neighboring countries may soon embark upon construction of a new generation of naval reactors, there is a need to systemize the approach for assessing possible consequences of accidents in relation to these installations. Floating power reactors also involve new safety challenges that need to be discussed. More information on the NKS-B MareNuc activity can be obtained from <https://www.gr.is/nks-b/mare nuc/>

The goal is to achieve a consensus of the various elements in a graded approach to the understanding of risk related to nuclear-propelled vessels, and to the calculation of potential consequences, using the computational tools available in the Nordic countries. The participants will receive working material in advance as a basis for discussions of the various elements constituting the technical basis for completing an impact assessment. The first event in Iceland April 22-23 will be completed as a workshop with prepared contributions for the first two sessions, while the last part of day 1 and the final part of the workshop at day 2 are set aside for discussions. At the second event in Denmark ultimo August 2010, the results from the workshop will be presented for further discussions, and put into a larger context considering plans for further construction of new types of vessels, areas of operations, and types of facilities.

The target groups for the workshop are experts handling issues related to managing health and environmental consequences of reactor accidents, assessing the development of nuclear navies and Nordic cooperation on issues related to reactor safety and emergency preparedness.

For more information on the events and the initiative as a whole, please contact the coordinator of the activity, Ole Reistad, ole.reistad@nrpa.no, tel. +47 67 16 25 00.

For information on practical arrangements in Iceland, including assistance concerning accommodation, please contact the local coordinator, Sigurður Emil Pálsson, sep@gr.is, tel. +354 552 8200.

For information on the venue, the Culture House
http://www.thjodmenning.is/index_english.htm

NKS-B DepEstimates

Seminar on radionuclide deposition estimates, results from work in the Nordic countries, possibilities and limitations

2 days during week 18 (3-7 May) 2010, Reykjavík, Iceland

The experience of the deposition from the Chernobyl accident and the atmospheric testing of nuclear weapons is fading into the past, most of the deposition monitoring programmes have stopped or been radically reduced, few are now actively conducting studies in this field. Deposition estimates continue, however, to be important, e.g. for emergency response planning. Estimation of background values is important for assessing potential additional deposition. When a suspected event occurs, there may be no background measurements available and even if they are, they may be too few to be representative for the place or region of concern.

The estimates of global fallout have often been based on the UNSCEAR compilation of fallout data, where the deposition has been summarised according to latitude bands. The papers on which the UNSCEAR compilation is based warn however against the use of the compilation as a model for a specific place or area. They stress that other factors must be used for such modelling, such as precipitation.

In recent years databases with compilation of nuclear fallout data have become available. Studies on fallout and deposition have been made in some of the Nordic countries, e.g. using precipitation as a basis for deposition estimates. The NKS-B activity DepEstimates has followed up the some of this Nordic work.

At the DepEstimates seminar in Reykjavík the results of the studies within DepEstimates will be presented as well as the studies that have been done in individual Nordic countries. One of the products of DepEstimates that will be presented is a simple model for assessing deposition based on precipitation data, but also taking latitude effects into account as well as dry deposition. The usefulness and limitations of these models for assessing deposition will also be discussed at the seminar.

The target group for the seminar are those working with deposition studies as well as those dealing with emergency preparedness, where assessing deposition is an important factor.

The exact dates during week 18 are being fixed in consultation with the key speakers.

For updated information please contact the co-ordinator, Sigurður Emil Pálsson, sep@gr.is and/or visit the website: <https://www.gr.is/nks-b/depestimates>

New Publications

The following NKS-R reports are available free of charge: Download by clicking the appropriate link.

NKS-216	March 2010	Clara Anghel and Sami Penttilä: <i>Nordic Nuclear Materials Forum for Generation IV Reactors</i>	NOMAGE4	Abstract	Full text
NKS-213	March 2010	Teemu Reimann et al: <i>Safety Culture in the Finnish and Swedish Nuclear Industries - History and Present</i>	MOSACA	Abstract	Full text

The following NKS-B reports are available free of charge: Download by clicking the appropriate link.

NKS-218	March 2010	Xiaolin Hou: <i>Workshop on Radioanalytical Chemistry for Radioecology and Waste Management: Report, evaluation, abstracts and full papers of presentations</i>	RadWorkshop	Abstract	Full text
NKS-217	March 2010	Elis Holm (ed.) et al: <i>Hair and feathers as indicator of internal contamination of Po-210 and Pb-210</i>	HAIRPOL	Abstract	Full text
NKS-215	March 2010	Per Roos et al: <i>Assessment of weathering and leaching rates of Thule hot particles</i>	HOTRATE	Abstract	Full text
NKS-214	March 2010	Jan Erik Dyve (ed.): <i>NKS NordDSS - report from workshop on the use of Decision Support Systems</i>	NordDSS	Abstract	Full text
NKS-212	March 2010	Paula Nunez (ed.) et al: <i>GammaSem Proceedings - A Nordic seminar for users of gamma spectrometry - Oslo 15-16 September 2009</i>	GammaSem	Abstract	Full text

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The NKS Secretariat can be contacted on nks@nks.org.

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